

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse ASCL1/Mash1 in Western blots.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant mouse ASCL1/Mash1 His74-Asp173 (Gln160Glu) Accession # Q53VV9
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein. See Certificate of Analysis for details.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. *General Protocols* are available in the *Technical Information* section on our website.

	Recommended Concentration	Sample
Western Blot	0.1 µg/mL	Recombinant Mouse ASCL1/Mash1

PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.2 mg/mL in sterile PBS.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	<p>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</p> <ul style="list-style-type: none"> ● 12 months from date of receipt, -20 to -70 °C as supplied. ● 1 month, 2 to 8 °C under sterile conditions after reconstitution. ● 6 months, -20 to -70 °C under sterile conditions after reconstitution.

BACKGROUND

Mash1, also known as achaete-scute complex-like 1 (ASCL1), is a member of the basic helix-loop-helix family of transcription factors. It is required for neuronal commitment and differentiation. The mouse immunogen used to generate this antibody shares 97% amino acid sequence identity with the equivalent region of human Mash1.